



Daffodil
International
University

The Zoo

By

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Acknowledgement

First of all, I express my heartiest thanks and gratefulness to almighty Allah for His divine blessing for making me possible to complete this project successfully.

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I would like to thank my friends in Daffodil International University, who took part in this discuss while completing the course work.

Finally, I must acknowledge with due respect the constant support and patients of my parents.

DECLARATION

We hereby declare that this project report entitled “**The Zoo**” is the record of my original work under the supervision of **Ms. Fatama Binta Rafiq**, Lecturer, Department of Software Engineering, Daffodil International University. We also declare this project or any part of this report has never been submitted anywhere else for award of any degree or diploma.

Submitted By:

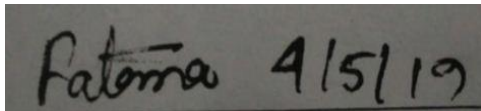
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ABSTRACT

This project entitled “**The Zoo**” is a web based software that will work as a based on zoo. The main purpose of the project is to store information of all animals in the zoo, and also store animal food and medicine information and employee’s information. This project helps the employee to maintain the animal’s details very efficiently. After that Admin and Employee can be add animal info, delete animal info, edit animal info, and view animal info. And also can be add, edit, delete, and view of animal’s food and medicine information. Only Admin can be able to add, edit, delete and view of employee’s information. And Employee can be able to view of employee’s information.

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Chapter 1: Introduction

1.1 Project Overview

Here trying to make a project on The Zoo System which is basically a web based application where we can get information about all information of animal and as well as can manage the animal food and medicine system. And also can get information about all information of employee.

1.2 Project purpose

- **The Project is for the automation of The Zoo management System.**
- **Its maintains two types of users:**
 1. Admin
 2. Employee
- **The project includes:**
 1. Manage Employee Registration.
 2. Maintaining Employee Info.
 3. Manage Animal Info
 4. Maintaining View Info System
 5. Manage Animal Food Info System
 6. Manage Animal Medicine Info System

1.2.1 Background

Zoo currently use a manual system for the management and maintenance animal food system and medicine system of critical information. The current system requires numerous paper forms, with data stores spread throughout the zoo system infrastructure. Often information is incomplete, or does not follow management standards. So, that's why I decided to do 'The Zoo' system project. The zoo system makes it easy for the admin to keep of all animal records. This system allows the administrator to add, update, and disable employee's info, animal's info,

animal food info, and animal medicine info. Employees managed animal food delivery time and animal medicine distribution date.

1.2.2 Benefits & Beneficiaries

- Improve and strong data security.
- This website helps employee to find animal information, Animal food and medicine details easily.
- Improve management system for the employee info system, animal info system, animal food system and animal medicine system.
- Maintaining the time of all employees and the administrator has to submit their work in the specified time.

1.2.3 Goals

- The main goal of this project is to maintain the all animal data, animal food and medicine data records.
- And other goal is to maintaining the animal food and medicine stock details.
- Manage the animal food and medicine delivery time.

1.3 Stakeholders

Internal Stakeholders:

- **Admin:** Administrator updates the all Employee and Animal data.
- **Employee:** Employees are the main stakeholders who will be manage the animal information, Animal food and medicine details.

1.4 Proposed System Model (Block Diagram)

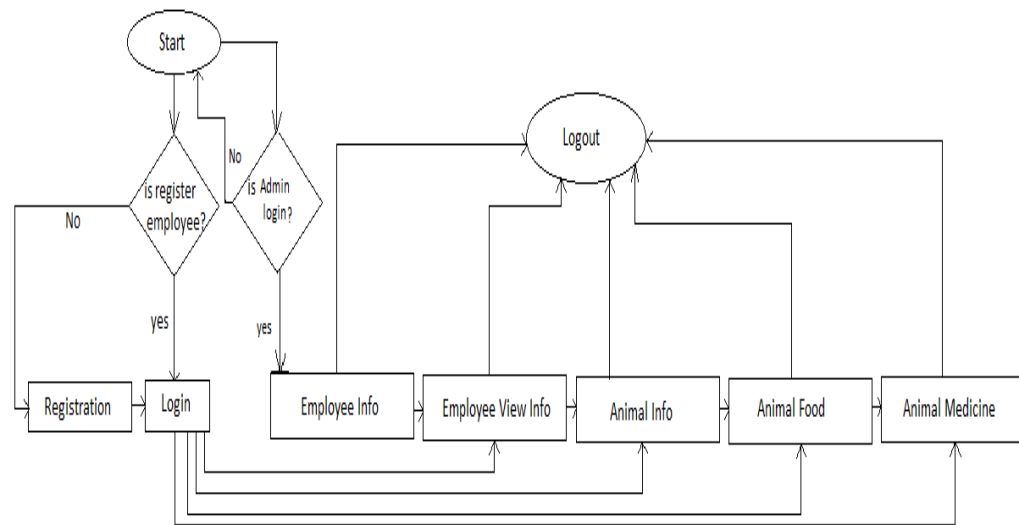


Figure 1.4: Block Diagram of The Zoo

1.5 Project Schedule

1.5.1 Gantt Chart

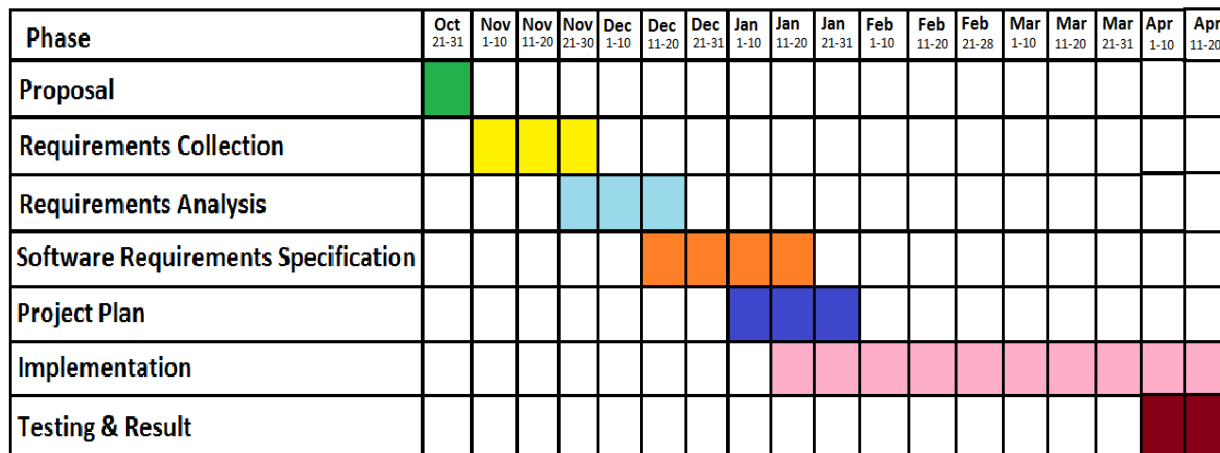


Figure 1.5.1: Gantt chart

1.5.2 Release Plan/ Milestone

Phase	Start Date	End Date	Working Days
Proposal	24 October	30 October	4 days
Requirements Collection	2 November	21 November	16 days
Requirements Analysis	21 November	10 December	18 days
Software Requirements Specification	11 December	15 January	22 days
Project Plan	15 January	31 January	17 days
Implementation	12 January	11 April	57 days

Testing & Result	11 April	20 April	9 days
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Chapter 2: Software Requirement Specification

2.1 Functional Requirements

Functional requirements refer to the functions which are mandatory to the system. Functional requirements must be able to perform on the software system. Every system must have some functional requirements.

2.1.1 Manage Employee Registration System

FR 01	Manage Employee Registration
Description	The Zoo System Shall have a Registration page where employee can registration or login process.
Stakeholders	Employee

2.1.2 Manage Employee Information

FR 02	Manage Employee Information
Description	This website shall have a manage employee info page where admin maintain employee all information. Admin will able to add, edit, view and delete employee information.
Stakeholders	Admin

2.1.3 Manage Employee View

FR 03	Manage Employee View
Description	The Zoo System shall have employee view page where employee view employee's own information.
Stakeholders	Employee

2.1.4 Manage Animal Information

FR 04	Manage Animal Information
Description	This website shall have a Manage animal info page where admin and employee maintain animal all information. Admin and employee will able to add, edit, view and delete animal information.
Stakeholders	Admin, Employee

2.1.5 Manage Animal Food Information

FR 05	Manage Animal Food Information
Description	This website shall have a Manage animal food page where admin and employee maintain animal food. Admin and employee will able add, edit, view, and delete of animal food info.
Stakeholders	Admin, Employee

2.1.6 Manage Animal Medicine Information

FR 06	Manage Animal Medicine Information
Description	This website shall have a Manage animal medicine page where admin and employee maintain animal medicine. Admin and employee will add, edit, view, and delete of animal medicine Info.
Stakeholders	Admin, Employee

2.2 Data Requirements

For defining data requirements, I need to build the model. For my website maximum data would be loaded from employee and animal. And for that purpose I need to focus on some major points. Such as:

- Types of entity of the system
- Capacity and resources of the data requirements
- Data availability schedules
- Quantity of data
- Availability of data

2.3 Performance Requirements

It is very important to maintain performance of any software system.

2.3.1 Speed and Latency Requirements

SLR-1	Search result must be faster.
Description	When admin and employee search for employee information, animal information, animal food and medicine information, then the search result must show within seconds.
Stakeholders	Employee, Admin

2.3.2 Precision or Accuracy Requirements

PAR-1	Search result must be accurate
Description	When admin and employee search for employee information, animal information, animal food and medicine information, then the search result must be according to the input value given by admin and employee.
Stakeholders	Admin, Employee

2.3.3 Capacity Requirements

CR-1	The system will handle hundreds of data.
Description	The system need to handle data hundreds of data every moment.
Stakeholders	Admin, Employee

2.4 Dependability Requirements

The term dependability is measured based on four dimensions. Such as:

- Availability
- Reliability
- Safety
- Security

2.4.1 Reliability & Availability Requirements

Now, I will mention requirements which is related to reliability and availability

RAR-1	The system must be available on 24 X 7
Description	• This system must be available all day long, every day in a week • The system must be updated regularly. • System must be malware free.
Stakeholders	Admin, Employee

2.4.2 Robustness or Fault-Tolerance Requirements

RFT-1	The system handles all employee and animal information, animal food and medicine details without system errors.
Description	Admin and employee all their search requests must be handled without any fault.
Stakeholders	Admin, Employee

2.4.3 Safety-Critical Requirements

There are no safety-critical requirements in the project.

2.5 Maintainability and Supportability requirements

2.5.1 Maintenance Requirements

MR-1	System helps to update information and regular maintenance check.
Description	It is very important to update employee and animal information, animal food and medicine information.
Stakeholders	Admin, Employee

2.5.2 Supportability Requirements

SR-1	The system should support web browser (google chrome, Mozilla Firefox, Microsoft edge, etc.) and work smoothly.
	It is very important to support all major web browsers.
Stakeholders	N/A

2.5.3 Adaptability Requirement

There are no adaptability requirements in the system.

2.5.4 Scalability or Extensibility Requirements

SR-Id	Description
1	The system should support more than 1 thousands employees and animals without

	any problem
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2.6 Security Requirements

- Employee can complete the Registration process.
- Gets access according to log in employee.
- Must log out as an employee.
- Handling passwords.

2.6.1 Access Requirements

ID	Description
1	The Zoo system's back-end servers shall only be accessible to admin.
2	Employees have the rights to access animal information, animal food and medicine details information.

2.6.2 Integrity Requirements

ID	Description
1	Employee's data can only view by themselves, no one cannot change their own data.

2.6.3 Privacy Requirements

ID	Description
1	Animal's data will not be used without admin's permission.
2	Employee will not be register without admin accept.

2.7 Usability and Human Interaction Requirements

2.7.1 Ease of use requirements

EUR-1	The System must be usable for the employee and animal.
Description	This website is enough usable to the

	employee by which they can operate this system easily.
Stakeholders	Admin, Employee

2.7.2 Personalization and Internationalization Requirements

There are no Personalization and Internationalization Requirements in the project.

2.7.3 Understandability and Politeness Requirements

There are no visible Understandability and Politeness Requirements in the system.

2.7.4 Accessibility Requirements

AR-1	Employees must be access the system.
Description	Employees can access employee view info, animal info, animal food and medicine information in the project.
Stakeholders	Admin, Employee

2.7.5 User Documentation Requirements

There are no User Documentation Requirements.

2.7.6 Training Requirements

There are no Training Requirements in the system.

2.8 Look and Feel Requirements

2.8.1 Appearance Requirements

AR-1	Labels of mandatory fields must be bold.
Description	The system must be bold and all input fields must have placeholder to make it easier for the employee.
Stakeholders	Admin, Employee

2.8.2 Style Requirements

SR-1	Style Requirements
Description	The system must be look clean and minimal.
Stakeholders	Software developer.

2.9 Operational and Environmental requirements

2.9.1 Expected Physical Environment

There are no expected physical requirements in the system.

2.9.2 Requirements for Interfacing with Adjacent Systems

There are no requirements for interfacing with adjacent system for the project.

2.9.3 Projectization Requirements

There are no Projectization Requirements in the system.

2.9.4 Release Requirements

There are no specific release requirements in this system.

2.10 Legal Requirements

2.10.1 Compliance Requirements

There are no specific compliance requirements for the system.

2.10.2 Standards Requirements

There are no specific standards requirements in the project.

Chapter 3: System Analysis

3.1 Use Case Diagram

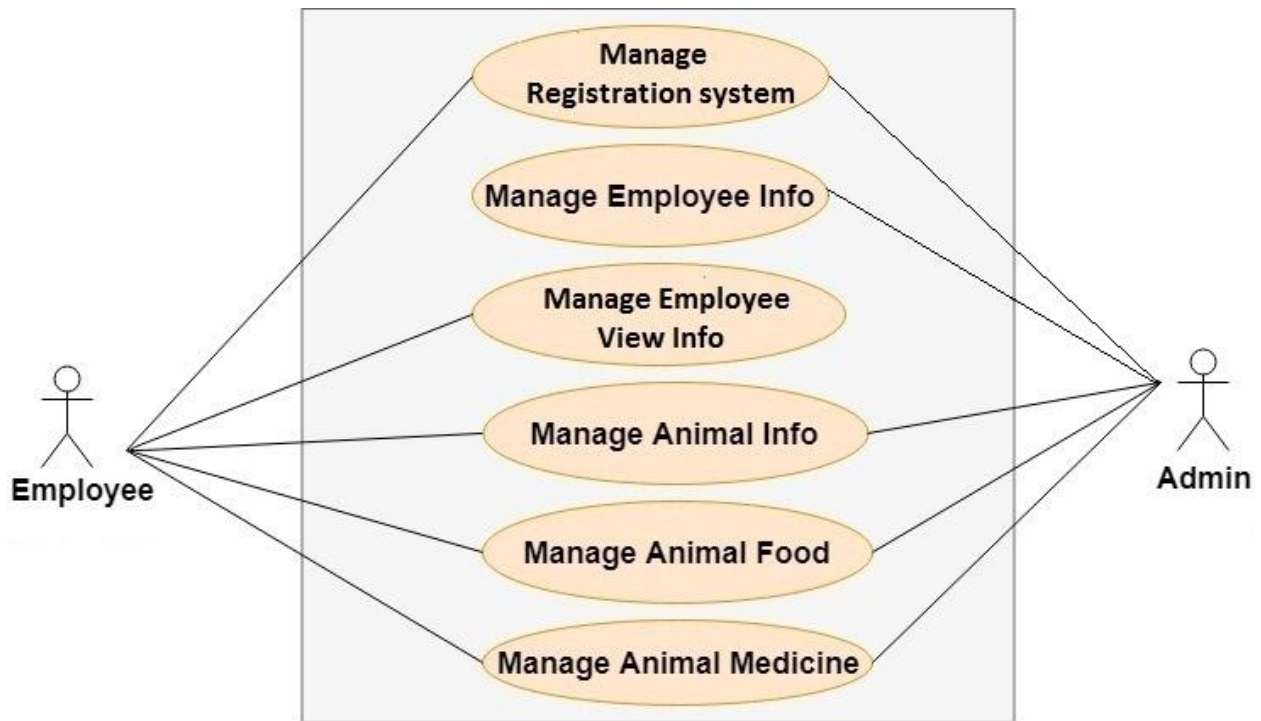


Figure 3.1: Use Case diagram for "The Zoo"

3.2 Use Case Description (For each use case)

3.2.1. Manage Employee Registration System

Use Case Name:	Manage Employee Registration System
Goal:	Employee Registration.
Preconditions:	User type must be Employee.
Success End Condition	Employee registration successfully.
Failure End Condition	Employee cannot be able to registration.
Primary Actor:	Employee
Secondary Actor:	N/A
Trigger:	Employee's data visible to Admin.
Brief Description:	Employee will create account on The Zoo website.

3.2.2. Manage Employee Info

Use Case Name:	Manage Employee Info
Goal:	Manage Employee Information
Preconditions:	Employee must have to registration and login.
Success End Condition	Admin will be able to insert, edit, update delete of employee's information.
Failure End Condition	Admin cannot be able to insert, edit, update delete of employee's information.
Primary Actor:	N/A
Secondary Actor:	Admin
Trigger:	N/A
Brief Description:	Admin will insert, edit, update delete of employee's information.

3.2.3. Manage Employee View Info

Use Case Title	Manage Employee View Info
Goal	Employee view
Preconditions	Employee must have to registration and login.
Success End Condition	Employee will be able to view their own information.
Failure End Condition	Employee cannot be able to view their own information.
Primary Actor	Employee
Secondary Actor	N/A
Trigger	N/A
Brief Description	Employee will see their own information.

3.2.4. Manage Animal Info

Use Case Title	Manage Animal Info.
Goal	Admin and Employee manage animal information.
Preconditions	Employee must have to registration and login.
Success End Condition	Admin and Employee will be able to insert, edit, update delete of employee's information.
Failure End Condition	Admin and Employee cannot be able to insert, edit, update delete of employee's information.
Primary Actor	Employee
Secondary Actor	Admin
Trigger	N/A
Brief Description	Admin and Employee will insert, edit, update delete of employee's information.

3.2.5. Manage Animal Food

Use Case Title	Manage Animal Food.
Goal	Admin and Employee manage animal food.
Preconditions	Employee must have to login.
Success End Condition	Admin and Employee will be able to add, edit, view and delete of animal food information.
Failure End Condition	Admin and Employee can be able to add, edit, view and delete of animal food information.
Primary Actor	Employee
Secondary Actor	Admin
Trigger	N/A
Brief Description	Admin and Employee will add, edit, view, delete of animal's food information.

3.2.6. Manage Animal Medicine

Use Case Title	Manage Animal Medicine
Goal	Admin and Employee manage animal medicine.
Preconditions	Employee must have to login.
Success End Condition	Admin and Employee can be able to add, edit, view and delete of animal medicine information.
Failure End Condition	Admin and Employee cannot be able to add, edit, view and delete of animal medicine information.
Primary Actor	Employee
Secondary Actor	Admin
Trigger	N/A
Brief Description	Admin and Employee will add, edit, view, delete of animal's medicine information.

3.3 Activity Diagram (For each use case)

1. Manage Employee Registration System

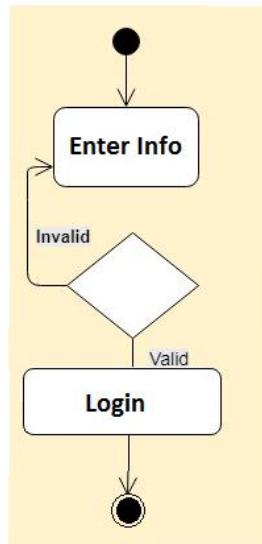


Figure 3.3.1: Manage Employee Registration System

2. Manage Employee Info system

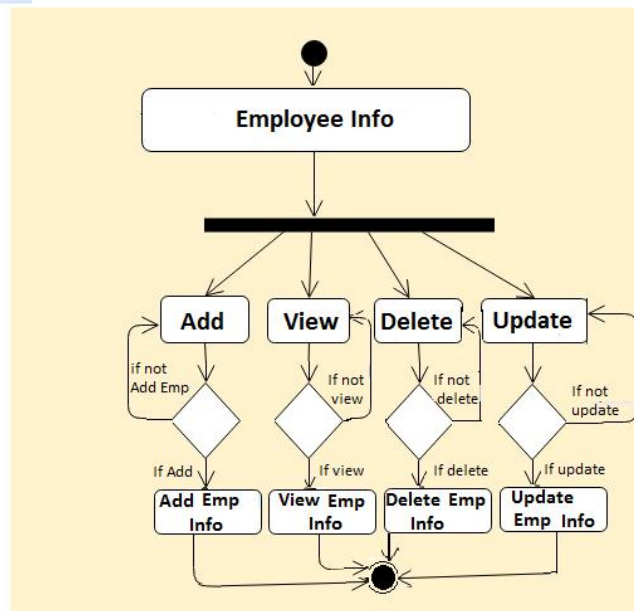


Figure 3.3.2: Manage Employee Info

3. Manage Employee View Info System

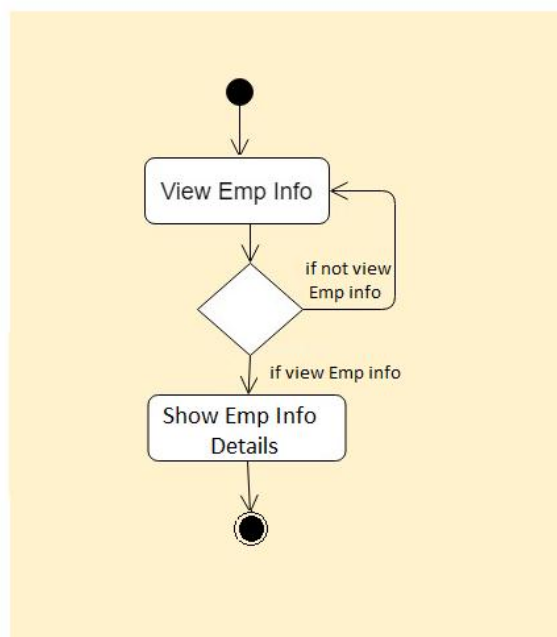


Figure 3.3.3: Manage Employee View Info

4. Manage Animal Info system

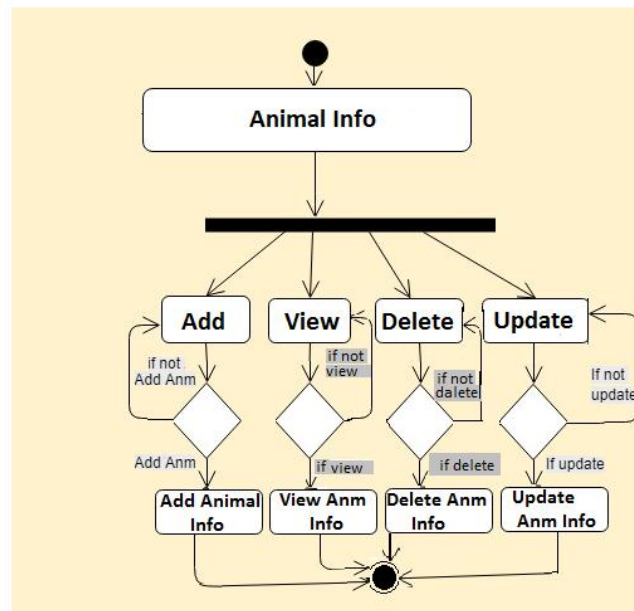


Figure 3.3.4: Manage Animal Info

5. Manage Animal Food Info System

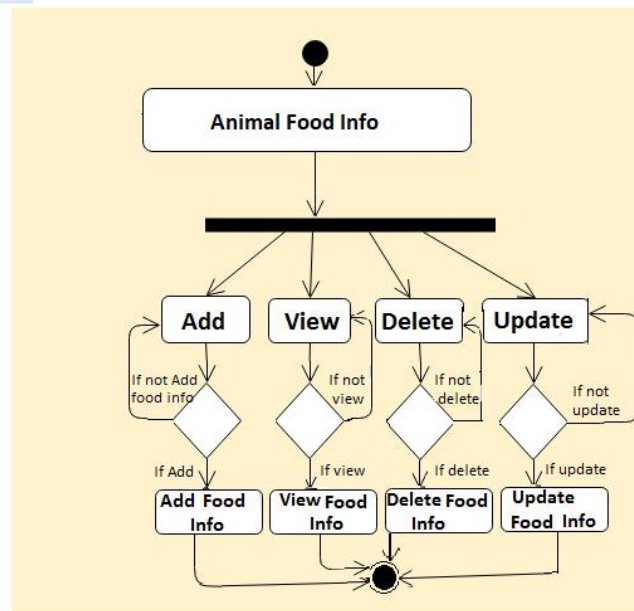


Figure 3.3.5: Manage Animal Food

6. Manage Animal Medicine Info

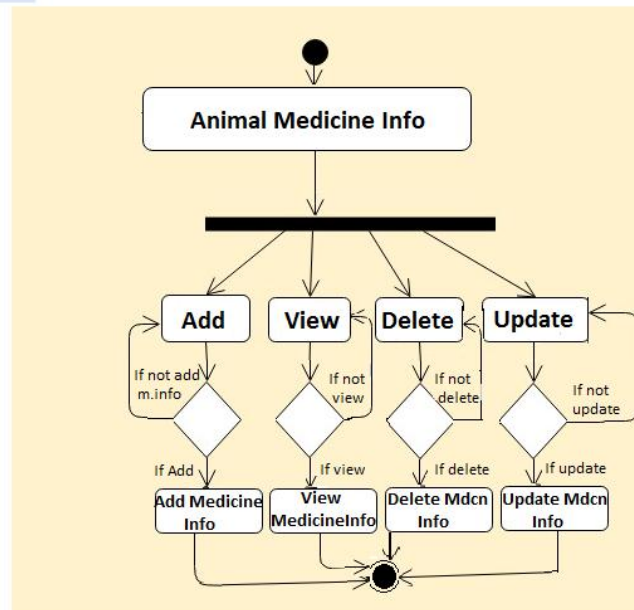


Figure 3.3.6: Manage Animal Medicine

3.4 System Sequence Diagram (For each use case)

1. Manage Employee Registration System

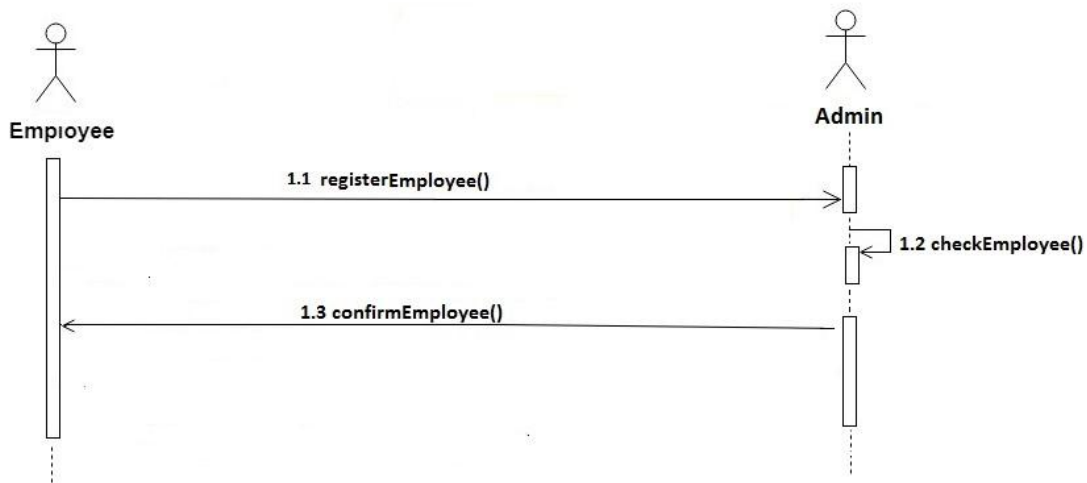


Figure 3.4.1: Sequence Diagram for Manage Employee Registration System

2. Manage Employee Info System

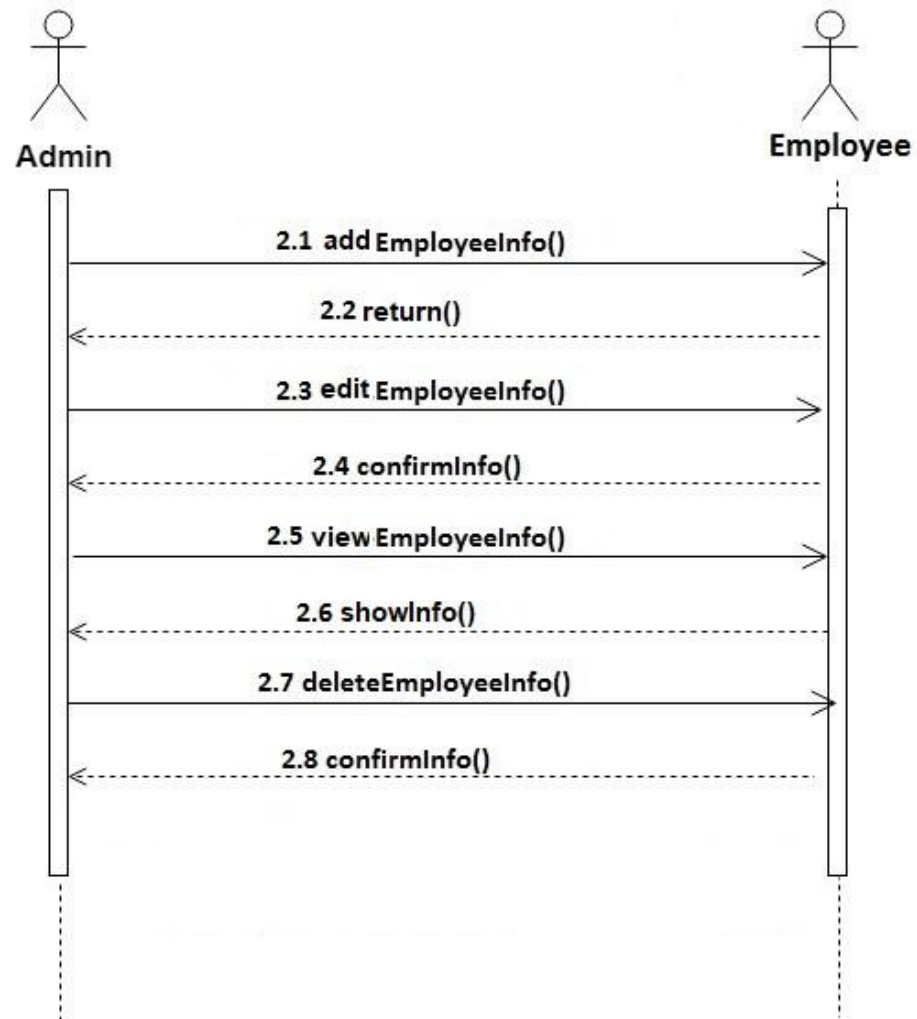


Figure 3.4.2: Sequence Diagram for Manage Employee Info

3. Manage Employee View Info

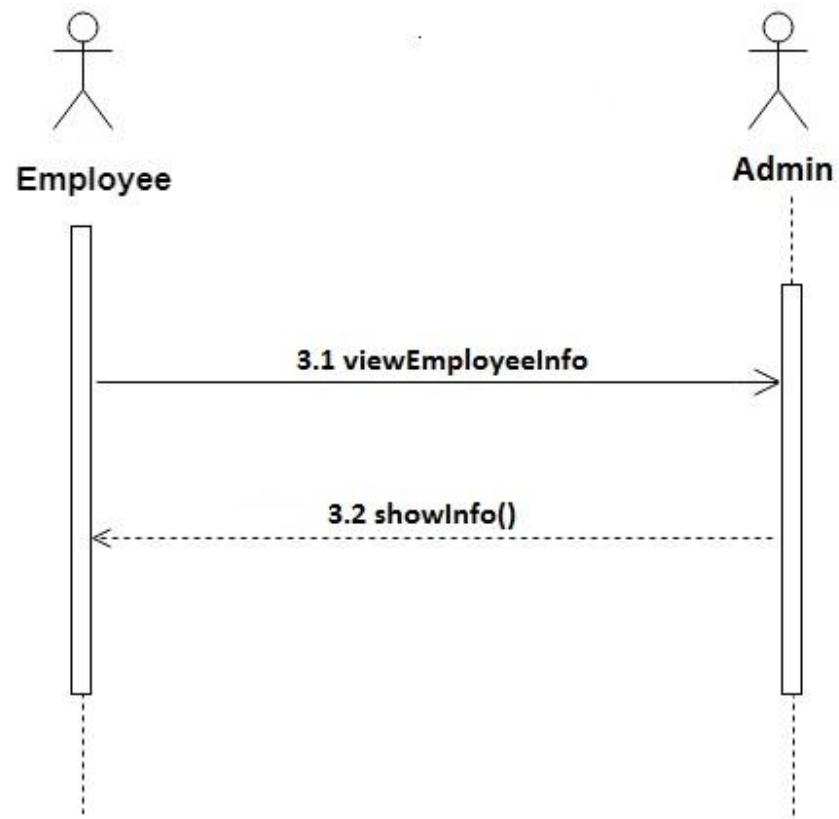


Figure 3.4.3: Sequence Diagram for Manage Employee View Info

4. Manage Animal Info

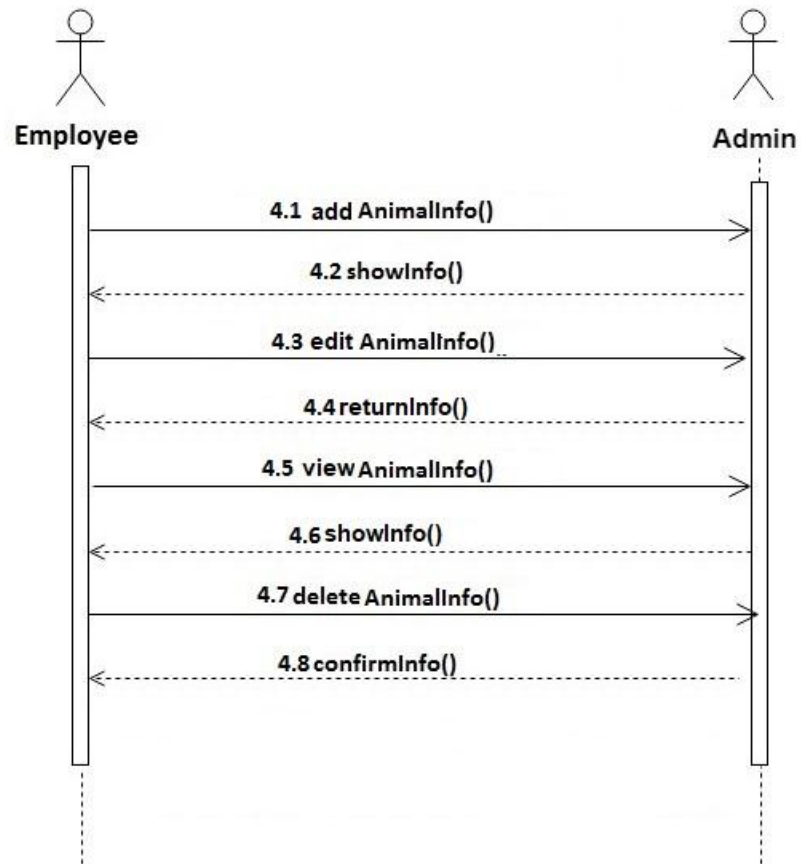


Figure 3.4.4: Sequence Diagram for Manage Animal Info

5. Manage Animal Food

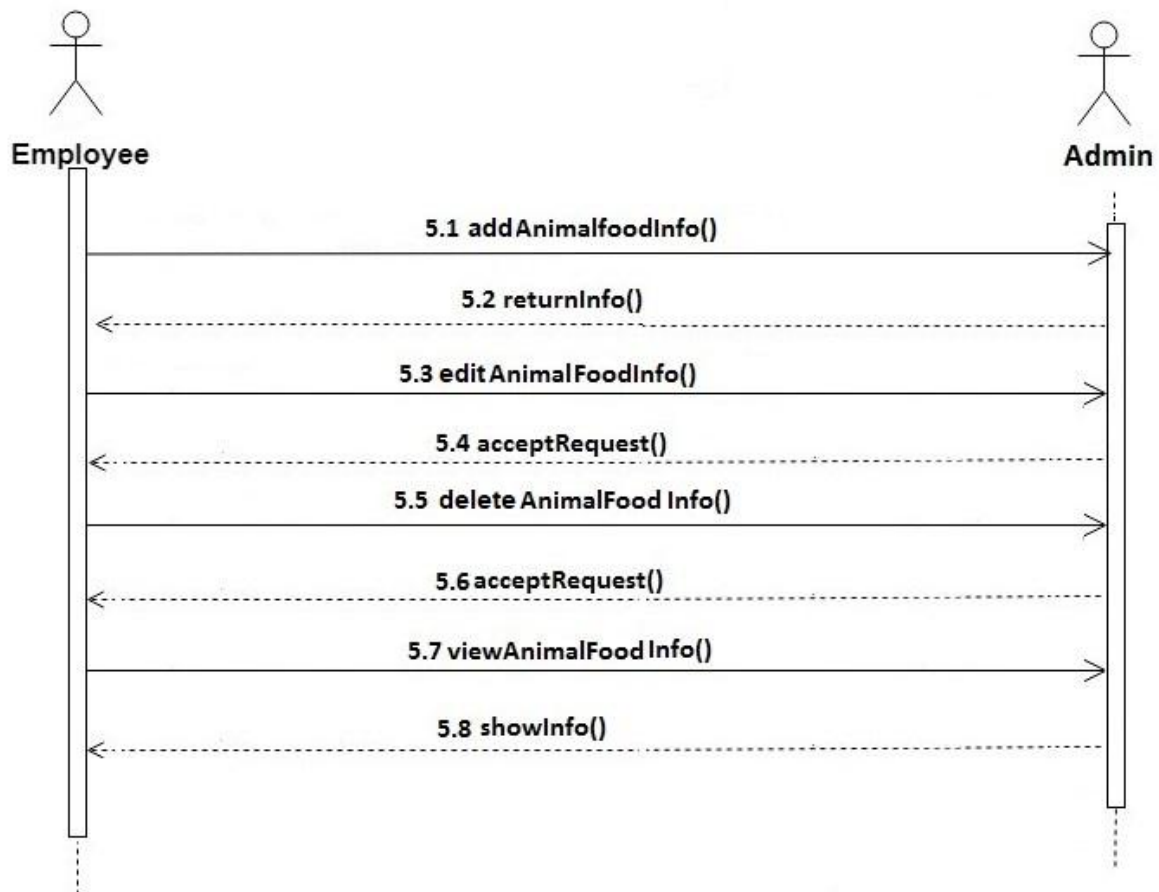


Figure 3.4.5: Sequence Diagram for Animal Food info

6. Manage Animal Medicine

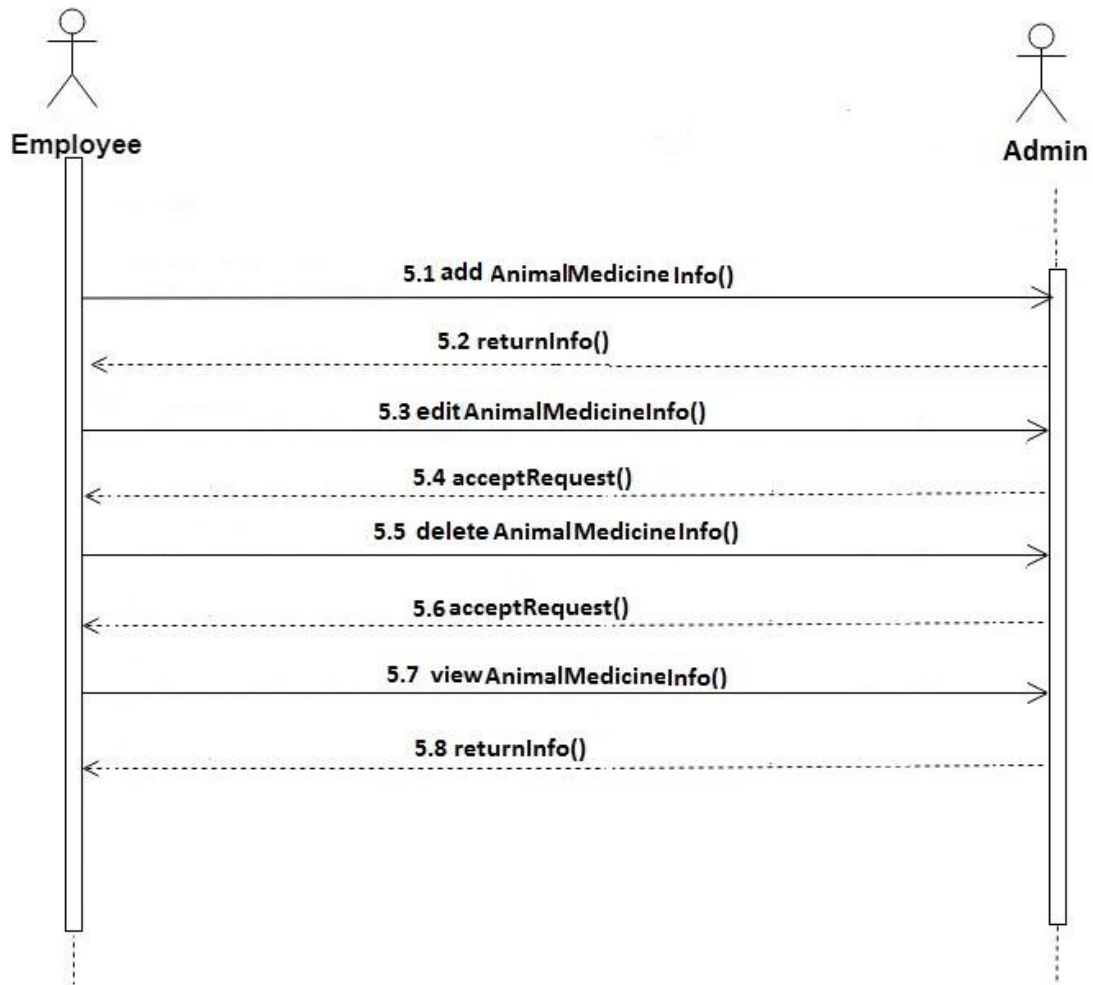


Figure 3.4.6: Sequence Diagram for Animal Medicine Info

Chapter 4: System Design Specification

4.1 Class Diagram

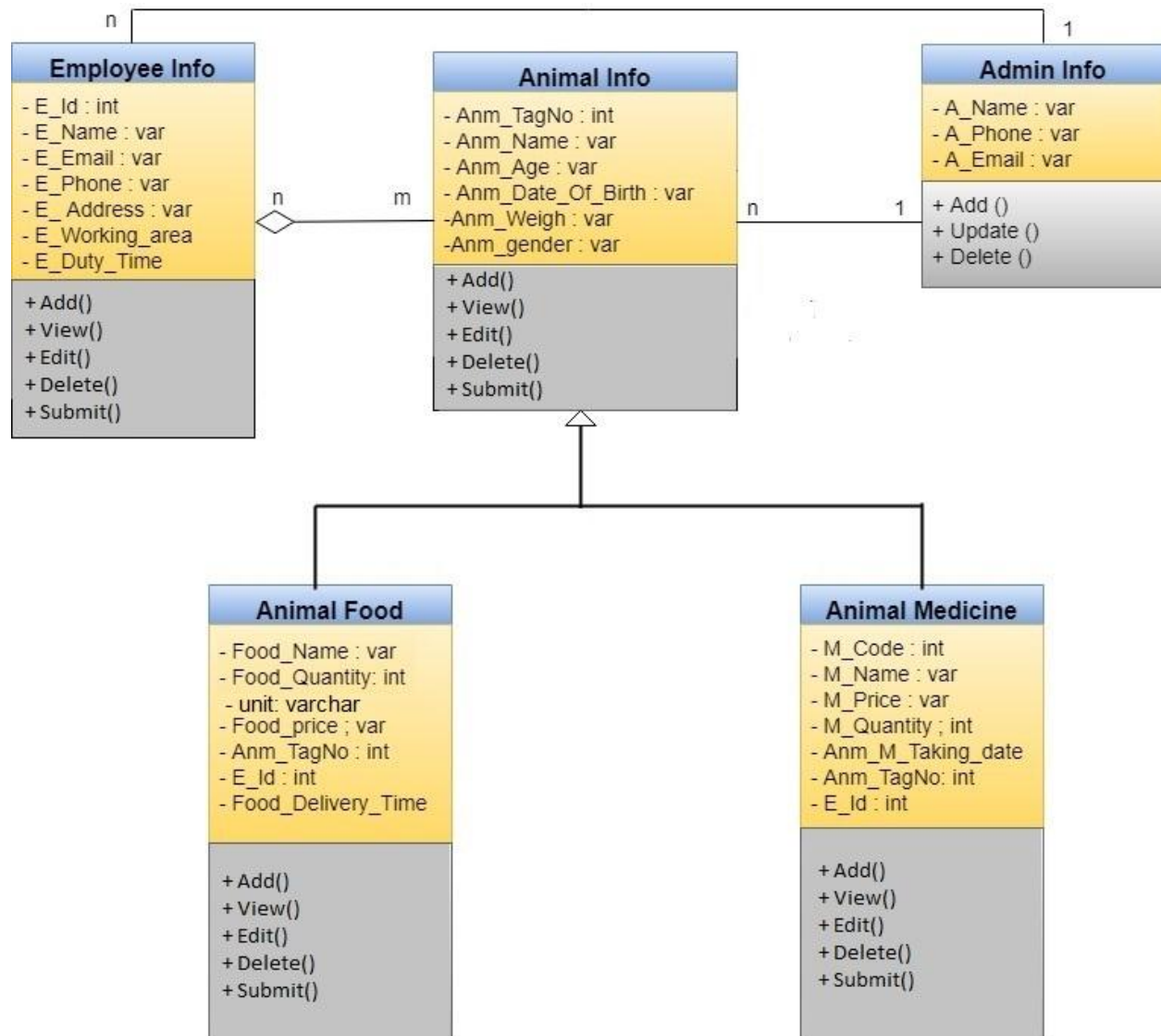


Figure 4.1: Class Diagram

4.2 Database Design Diagram

Database design shows the database of my application. Below my database tables with the attributes are given.

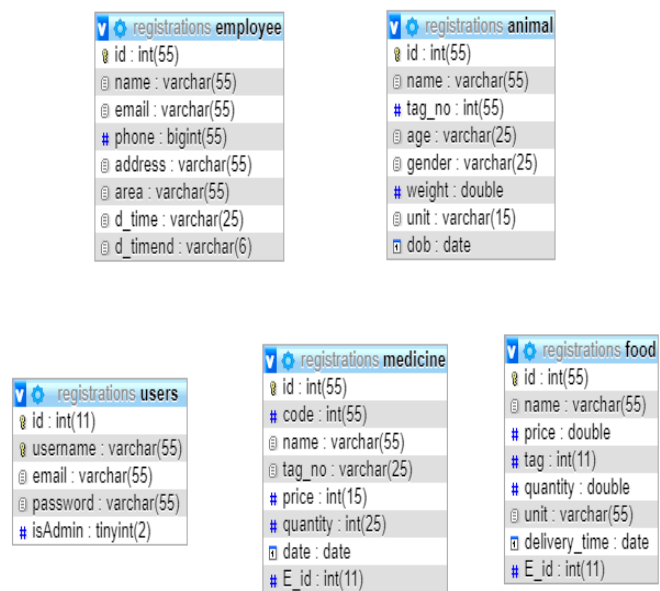


Fig 4.2: Database Design Diagram

4.3 Development Tools & Technology

1. Programming Language

- PHP

2. Frontend Language & Libraries

- HTML
- CSS
- Bootstrap

3. Implementation Tools & Platforms

- PC configuration- dual core, 2gb ram
- XAMPP

Chapter 5: System Testing

5.1 Testing Features

5.1.1 Features to be tested

Feature ID	Feature Name	Description	Involved User
01	Registration	Employee must be registered first.	Employee
02	Login	Employee must be authenticated by login.	Employee
03	Logout	Session must be destroyed after logout.	Employee
04	Add Employee Info	Employee info data must be inserted properly.	Admin
05	Edit Employee Info	Employee's updated data must be updated properly.	Admin
06	Delete Employee Info	Employee's deleted data must be deleted properly.	Admin
07	View Employee Info	Employee can be able to view their info.	Employee & Admin
08	Add Animal Info	Animal info data must be inserted properly.	Employee & Admin
09	Edit Animal Info	Animal's updated data must be updated properly.	Employee & Admin
10	Delete Animal Info	Animal's deleted data must be deleted properly.	Employee & Admin
11	View Animal Info	Employee can be able to view animal info.	Employee & Admin
12	Edit Animal Food Info	Animal's Food info updated data must be updated properly.	Employee & Admin
13	Add Animal Food Info	Animal Food info data must be inserted properly.	Employee & Admin
14	View Animal Food Info	Employee can be able to view animal food info.	Employee & Admin
15	Delete Animal Food Info	Animal's Food Info deleted data must be deleted properly.	Employee & Admin
16	Edit Animal Medicine Info	Animal's Medicine info updated data must be updated properly.	Employee & Admin

17	Add Animal Medicine Info	Animal Medicine info data must be inserted properly.	Employee & Admin
18	View Animal Medicine Info	Employee can be able to view animal Medicine info.	Employee & Admin
19	Delete Animal Medicine Info	Animal's Medicine Info deleted data must be deleted properly.	Employee & Admin

Technological Features

Features	Description
Database	Database will be used at almost every operation. So this is why, this part must be controlled tightly.

Table 5.1.1 Features to be tested

5.1.2 Features not to be tested

There are no Features not to be tested.

5.2 Testing Strategies

5.2.1 Test Approach

Test Strategies gives an idea of how well the app was built. So in this application, I have used Unit Test methodology to do the test for this application. I take each feature which needs to be tested and after that I have tested all of them with test cases. UNIT TESTING is a level of software testing where individual units/ components of software are tested. The purpose is to validate that each unit of the software performs as designed. A unit is the smallest testable part of any software. It usually has one or a few inputs and usually a single output.

5.2.2 Pass/Fail Criteria

If any test case fails it is considered fail. It is straightforward.

- System crash will not be considered as pass case.
- If any criteria pass 100% times, then it will be considered as pass criteria only. If data can't be displayed to the application properly, and then it is also to be considered as fail criteria.

5.2.3 Testing Schedule

Test Phase	Time
Testing plan create	1 week
Test specification	2 week
Unit testing	During development time
Test Phase	Time
Validating use cases	1 week
Testing user interface	1 week
Performance testing	1 week

5.3 Testing Environment (Hardware/Software requirements)

Testing environment means to prepare the environment with hardware and software so that test engineers can be able to execute test cases as required. Besides hardware and software usage, network configuration might be needed to execute test plans.

For making the environment for testing, some key area need to setup. Those are:

- Test data
- Database server
- Browser
- System and application
- Hardware with server operating system
- Documentation is also required

Hardware: PC configuration- dual core, 2 GB ram

Software: XAMPP, Bootstrap

5.4 Test Cases

5.4.1 Employee Registration

Test Case 01	Unit Name: Employee Registration
Test Input	Employee puts their information.
Expected Output	Successfully saved to the server.
Actual Output	Successfully saved.
Result	Passed
Tested On	17-04-2019

5.4.2 Login

Test Case 02	Unit Name: Login
Test Input	The registered employee must be to login to the website. Employee puts their Email and Password.
Expected Output	Successfully login to the website.
Actual Output	Successfully login.
Result	Passed
Tested On	17-04-2019

5.4.3 Add Employee Info

Test Case 03	Unit Name: Add Employee Info
Test Input	Admin puts employee's info in the Employee Add page.
Expected Output	Successfully add to the website.
Actual Output	Successfully add employee info.
Result	Passed
Tested On	17-04-2019

5.4.4 Edit Employee Info

Test Case 04	Unit Name: Edit Employee Info
Test Input	Admin puts update Employee's info in the Employee Edit page.
Expected Output	Successfully update to the website.
Actual Output	Successfully update employee info.
Result	Passed
Tested On	17-04-2019

5.4.5 View Employee Info

Test Case 05	Unit Name: View Employee Info
Test Input	Employee puts their own ID in the View Employee Info page.
Expected Output	Successfully show the all details of employee's info to the website.
Actual Output	Successfully view employee info.
Result	Passed
Tested On	17-04-2019

5.4.6 Delete Employee Info

Test Case 06	Unit Name: Delete Employee Info
Test Input	Employee and Admin click delete of any Employee's info then press yes.
Expected Output	Successfully delete employee's info to the website.
Actual Output	Successfully delete employee info.
Result	Passed
Tested On	17-04-2019

5.4.7 Add Animal Info

Test Case 07	Unit Name: Add Animal Info
Test Input	Employee and Admin put Animal's info in the Animal Add page.
Expected Output	Successfully add to the website.
Actual Output	Successfully add Animal info.
Result	Passed
Tested On	17-04-2019

5.4.8 Edit Animal Info

Test Case 08	Unit Name: Edit Animal Info
Test Input	Admin and Employee puts update Animal's info in the Animal Edit page.
Expected Output	Successfully update to the website.
Actual Output	Successfully update Animal info.
Result	Passed
Tested On	17-04-2019

5.4.9 View Animal Info

Test Case 09	Unit Name: View Animal Info
Test Input	Admin and Employee put Animal's ID in the View Animal Info page.
Expected Output	Successfully show the all details of Animal's info to the website.
Actual Output	Successfully view animal info.
Result	Passed
Tested On	17-04-2019

5.4.10 Delete Animal Info

Test Case 10	Unit Name: Delete Animal Info
Test Input	Employee and Admin click delete of animal's info then press yes.
Expected Output	Successfully delete Animal's info to the website.
Actual Output	Successfully delete Animal info.
Result	Passed
Tested On	17-04-2019

5.4.11 Add Animal Food Info

Test Case 11	Unit Name: Add Animal Food Info
Test Input	Employee and Admin put Animal's Food info in the Animal Add Food Info page.
Expected Output	Successfully add to the website.
Actual Output	Successfully add Animal Food Info page.
Result	Passed
Tested On	17-04-2019

5.4.12 Edit Animal Food Info

Test Case 12	Unit Name: Edit Animal Food Info
Test Input	Admin and Employee puts update Animal's Food item in the Animal Food Edit page.
Expected Output	Successfully update to the website.
Actual Output	Successfully update Animal Food item.
Result	Passed
Tested On	17-04-2019

5.4.13 View Animal Food Info

Test Case 13	Unit Name: View Animal Food Info
Test Input	Admin and Employee puts Animal's Food info in the Animal view food info page for view the details of the animal's food.
Expected Output	Successfully Show the all food details to the website.
Actual Output	Successfully View Animal Food item.
Result	Passed
Tested On	17-04-2019

5.4.14 Delete Animal Food Info

Test Case 10	Unit Name: Delete Animal Food Info
Test Input	Employee and Admin click delete of animal's Food info then press yes.
Expected Output	Successfully delete Animal's Food info to the website.
Actual Output	Successfully delete Animal Food info.
Result	Passed
Tested On	17-04-2019

5.4.15 Add Animal Medicine Info

Test Case 14	Unit Name: Add Animal Medicine Info
Test Input	Employee and Admin put Animal's Medicine info in the Animal Add Medicine page.
Expected Output	Successfully add to the website.
Actual Output	Successfully add Animal Medicine.
Result	Passed
Tested On	17-04-2019

5.4.16 Edit Animal Medicine Info

Test Case 15	Unit Name: Edit Animal Medicine Info
Test Input	Admin and Employee puts update Animal's Medicine info in the Animal Medicine Edit page.
Expected Output	Successfully update to the website.
Actual Output	Successfully update Animal Medicine item.
Result	Passed
Tested On	17-04-2019

5.4.17 View Animal Medicine Info

Test Case 16	Unit Name: View Animal Medicine Info
Test Input	Admin and Employee puts Animal's Medicine info in the Animal's Medicine page for check animal Medicine Info.
Expected Output	Successfully Show the all Medicine details to the website.
Actual Output	Successfully View Animal Medicine item.
Result	Passed
Tested On	17-04-2019

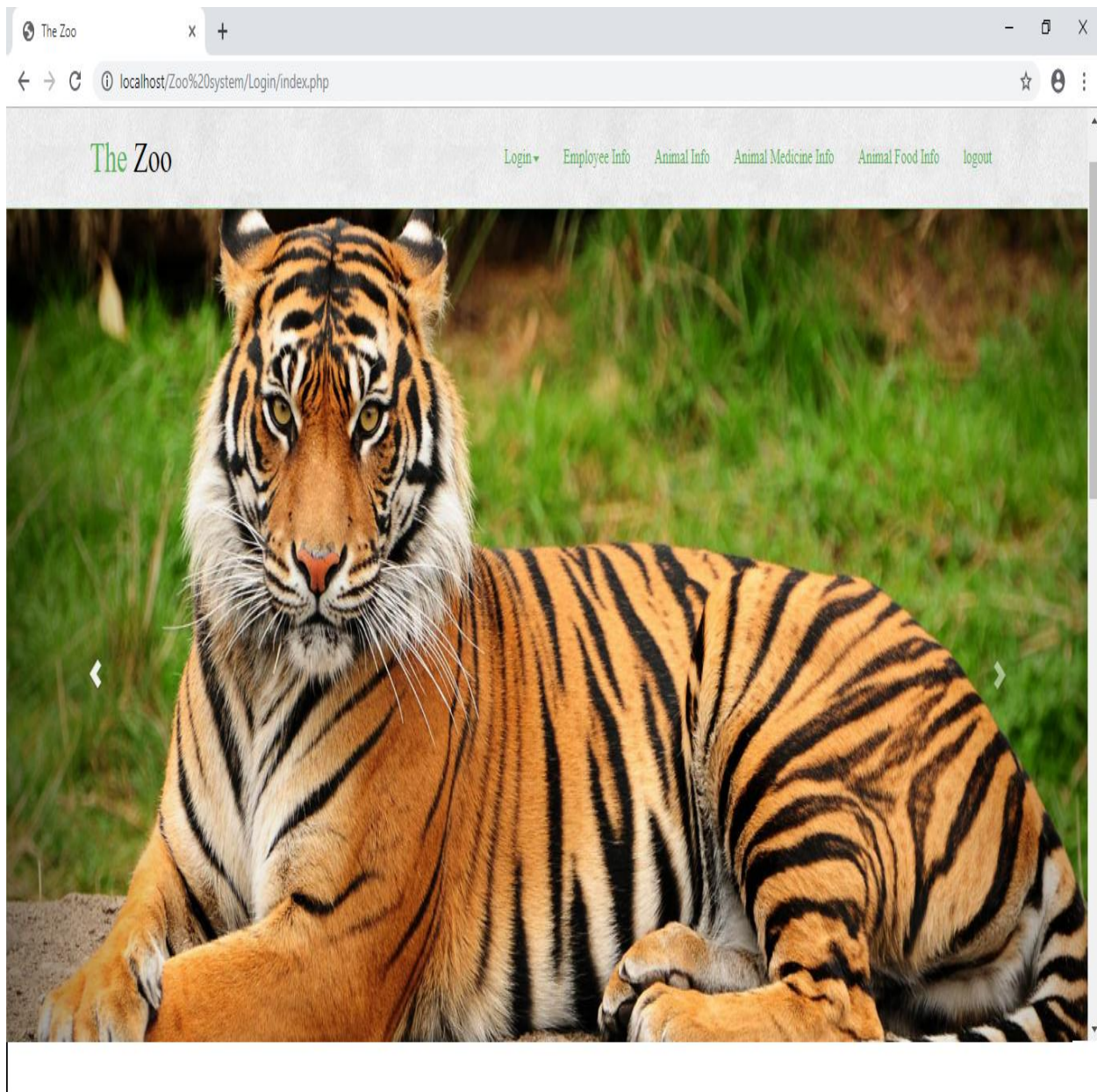
5.4.18 Delete Animal Medicine Info

Test Case 10	Unit Name: Delete Animal Medicine Info
Test Input	Employee and Admin click delete of animal's Medicine info then press yes.
Expected Output	Successfully delete Animal's Medicine info to the website.
Actual Output	Successfully delete Animal Medicine info.
Result	Passed
Tested On	17-04-2019

Chapter 6: User Manual

6.1 Home Page

This is the home page for visitor or Employee will see if the come first.



6.2 Employee Registration Page

This is the employee registration page. There are employee will create account on The Zoo website. And Employee puts their information.

Login

Username

Password

Login

Not yet a member? [Sign up](#)

Registration

Username

Email

Password

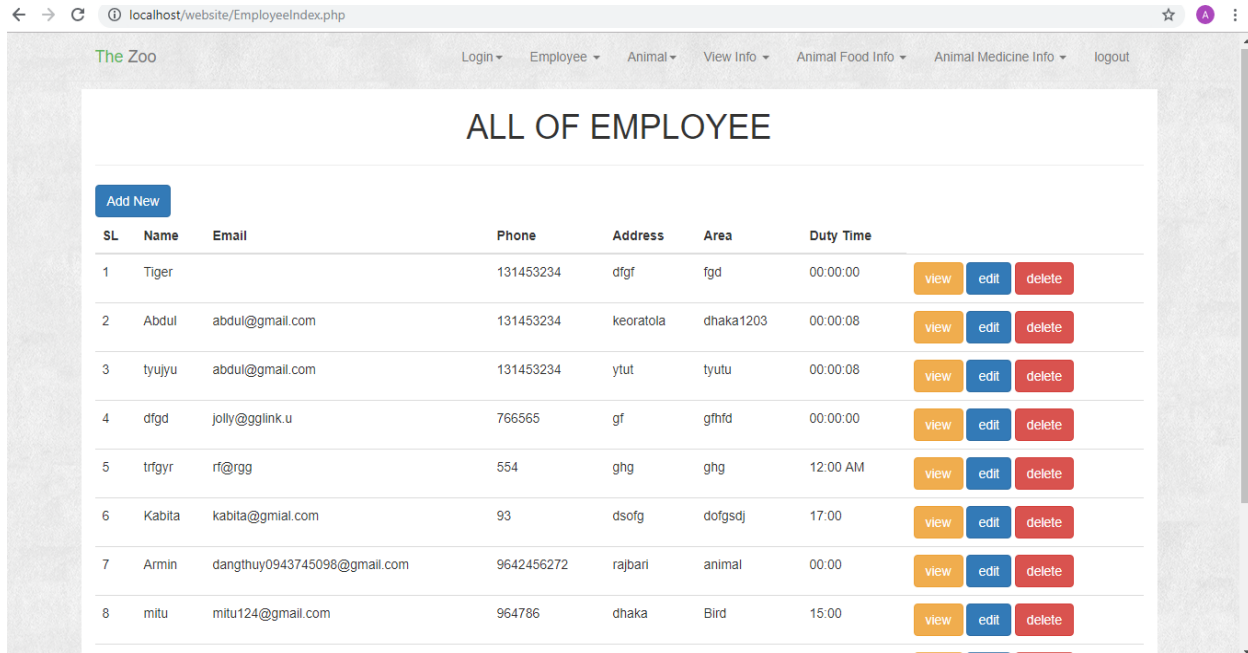
Confirm password

Register

Already a member? [Sign in](#)

6.3 Employee Info Page

This is the Employee Info page. There are admin can be able to add, edit, view and delete employee information.



SL	Name	Email	Phone	Address	Area	Duty Time	
1	Tiger		131453234	drgf	fgd	00:00:00	<button>view</button> <button>edit</button> <button>delete</button>
2	Abdul	abdul@gmail.com	131453234	keoratala	dhaka1203	00:00:08	<button>view</button> <button>edit</button> <button>delete</button>
3	tyujyu	abdul@gmail.com	131453234	ytut	tyutu	00:00:08	<button>view</button> <button>edit</button> <button>delete</button>
4	dfgd	jolly@gglink.u	766565	gf	ghfd	00:00:00	<button>view</button> <button>edit</button> <button>delete</button>
5	trfgyr	rf@rgg	554	ghg	ghg	12:00 AM	<button>view</button> <button>edit</button> <button>delete</button>
6	Kabita	kabita@gmail.com	93	dsofg	dofgsdj	17:00	<button>view</button> <button>edit</button> <button>delete</button>
7	Armin	dangthuy0943745098@gmail.com	9642456272	rajbari	animal	00:00	<button>view</button> <button>edit</button> <button>delete</button>
8	mitu	mitu124@gmail.com	964786	dhaka	Bird	15:00	<button>view</button> <button>edit</button> <button>delete</button>



Employee Information

Name

Email

Phone

Address

Area:

Select Area

Duty Time(Start)

Duty Time(End)

6.4 Employee View Info Page

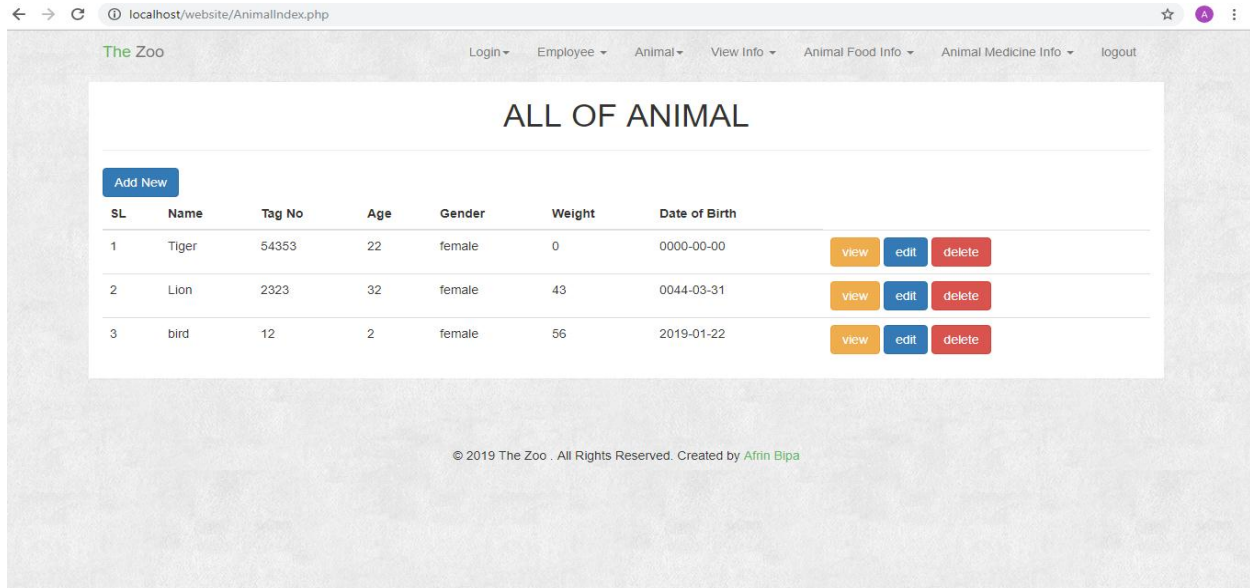
This is the Employee View Info page. There are employee can be able view their own information details.

The screenshot shows a web browser window with the title 'The Zoo' and a single tab. The address bar displays 'localhost/Zoo%20system/login/EmployeeView.php?id=15'. The page content includes a navigation menu with links: 'Login', 'Employee Info', 'Animal Info', 'Animal Medicine Info', 'Animal Food Info', and 'logout'. The main heading is 'Details OF Afrin'. Below this, a white box contains the following employee details:

Name of Employee:	Afrin
Email of Employee:	afrin1@gmail.com
Contac Number of Employee:	9087656
Address of Employee:	Khulna
Area of Employee:	B
Duty Time of Employee:	10:00 to 15:00

6.5 Animal Info Page

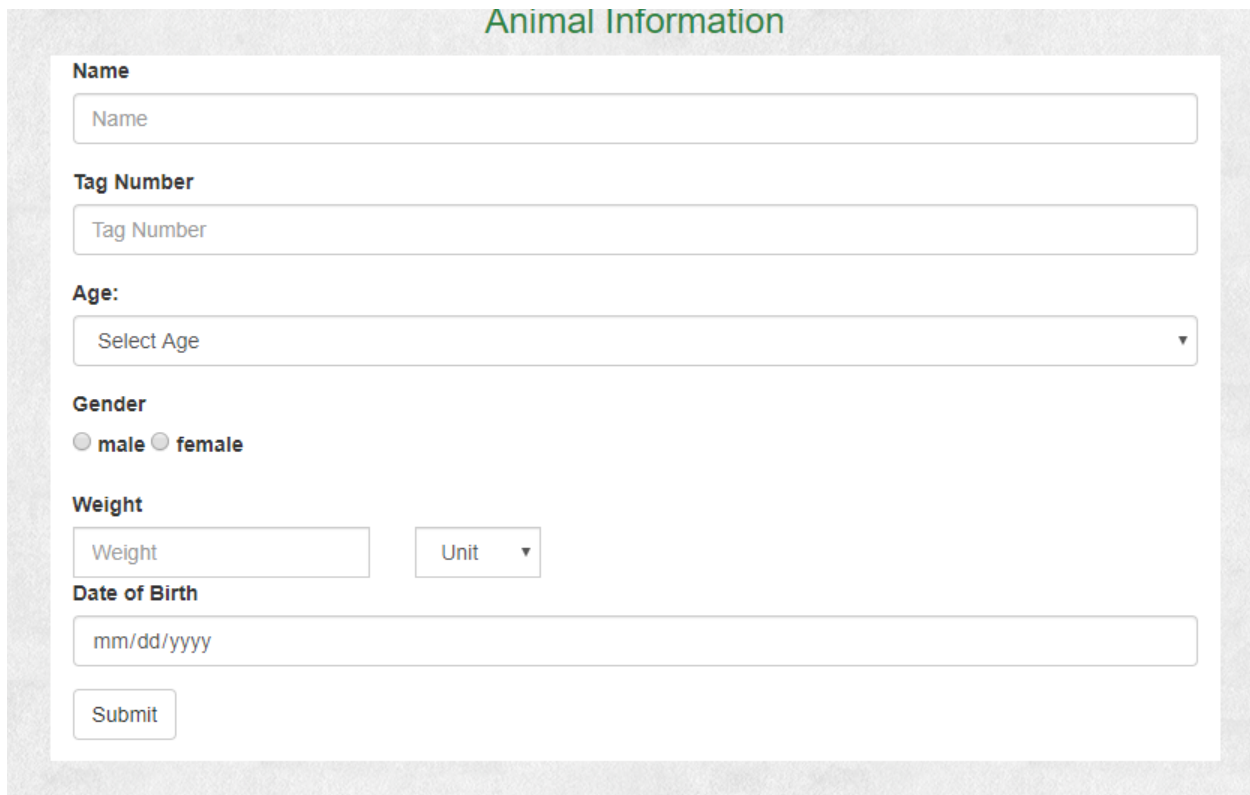
This is the Animal Info page. There are admin and employee can be able to add, edit, view and delete animal information.



The screenshot shows a web browser window with the URL `localhost/website/AnimalIndex.php`. The page title is "The Zoo". The navigation bar includes links for "Login", "Employee", "Animal", "View Info", "Animal Food Info", "Animal Medicine Info", and "logout". The main content area is titled "ALL OF ANIMAL" and features an "Add New" button. Below the button is a table with the following data:

SL	Name	Tag No	Age	Gender	Weight	Date of Birth	
1	Tiger	54353	22	female	0	0000-00-00	view edit delete
2	Lion	2323	32	female	43	0044-03-31	view edit delete
3	bird	12	2	female	56	2019-01-22	view edit delete

At the bottom of the page, there is a copyright notice: "© 2019 The Zoo . All Rights Reserved. Created by Afrin Bipra".

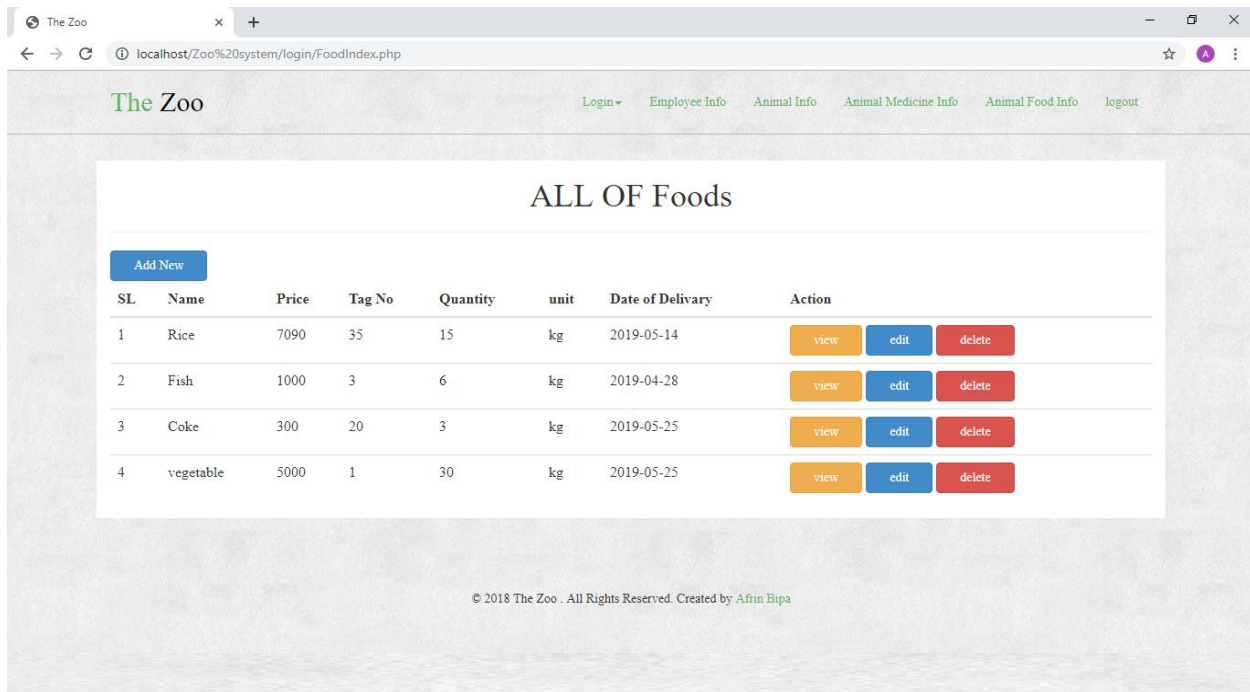


The screenshot shows a form titled "Animal Information". The form contains the following fields and controls:

- Name**: A text input field with the placeholder "Name".
- Tag Number**: A text input field with the placeholder "Tag Number".
- Age**: A dropdown menu with the placeholder "Select Age".
- Gender**: Two radio buttons labeled "male" and "female".
- Weight**: A text input field with the placeholder "Weight" and a "Unit" dropdown menu.
- Date of Birth**: A text input field with the placeholder "mm/dd/yyyy".
- Submit**: A button labeled "Submit".

6.6 Animal Food Info Page

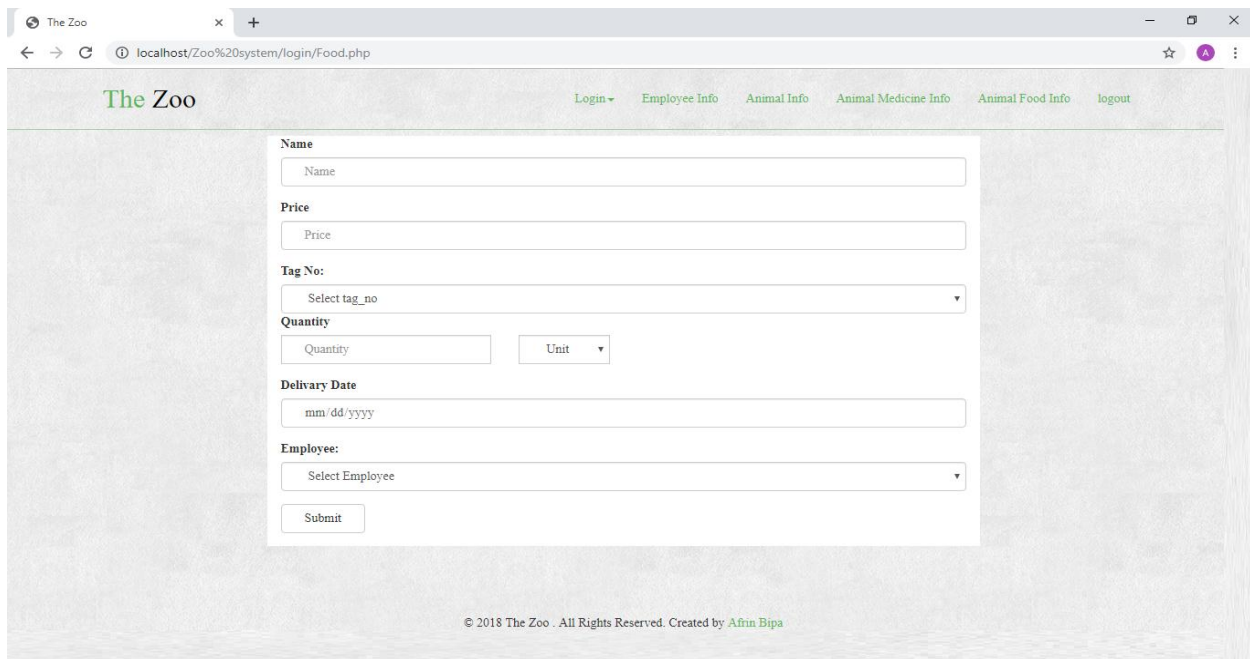
This is the Animal Food Info page. There are Admin and Employee will add, edit, view, delete of animal's food information.



The screenshot displays the 'ALL OF Foods' page. At the top, there is a navigation bar with 'The Zoo' logo and links for Login, Employee Info, Animal Info, Animal Medicine Info, Animal Food Info, and logout. Below the navigation bar, the title 'ALL OF Foods' is centered. A table lists food items with columns: SL, Name, Price, Tag No, Quantity, unit, Date of Delivery, and Action. The table contains 4 rows of data. Each row has 'view', 'edit', and 'delete' buttons in the Action column. An 'Add New' button is located at the top left of the table.

SL	Name	Price	Tag No	Quantity	unit	Date of Delivery	Action
1	Rice	7090	35	15	kg	2019-05-14	view edit delete
2	Fish	1000	3	6	kg	2019-04-28	view edit delete
3	Coke	300	20	3	kg	2019-05-25	view edit delete
4	vegetable	5000	1	30	kg	2019-05-25	view edit delete

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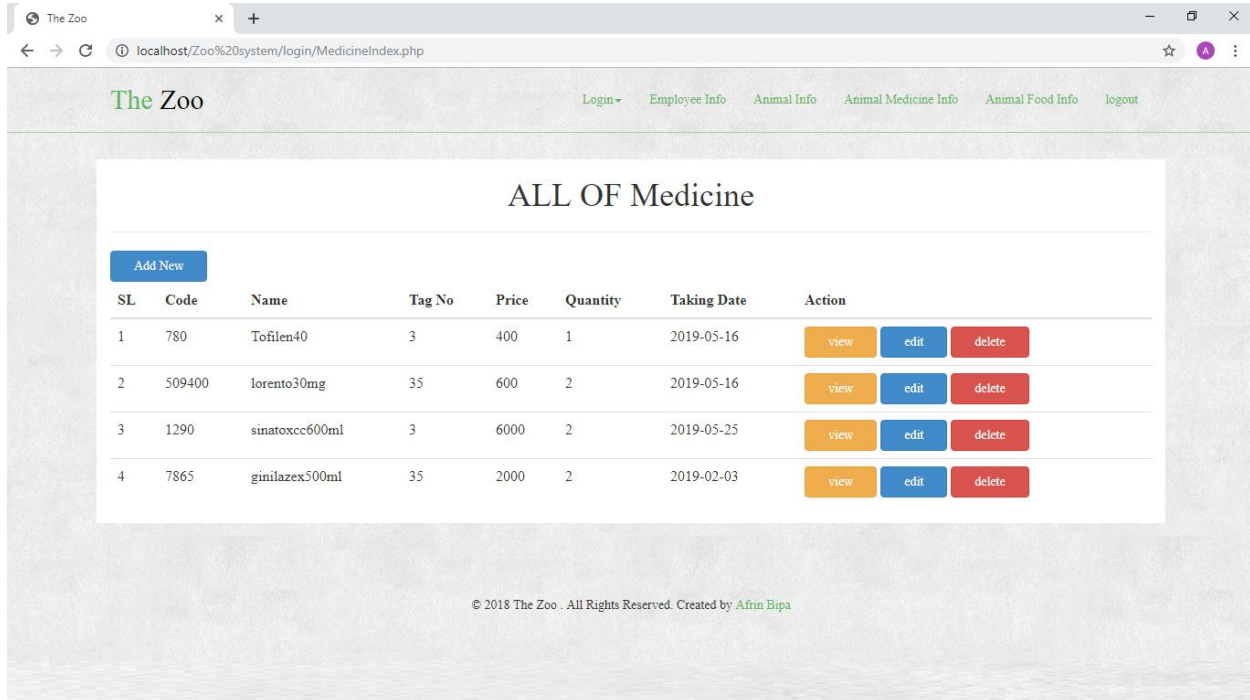


The screenshot displays the 'Add New' form. The form is titled 'Add New' and contains the following fields: Name (text input), Price (text input), Tag No (dropdown menu with 'Select tag_no' as the selected option), Quantity (text input), Unit (dropdown menu), Delivery Date (text input with placeholder 'mm/dd/yyyy'), Employee (dropdown menu with 'Select Employee' as the selected option), and a Submit button.

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6.7 Animal Medicine Info Page

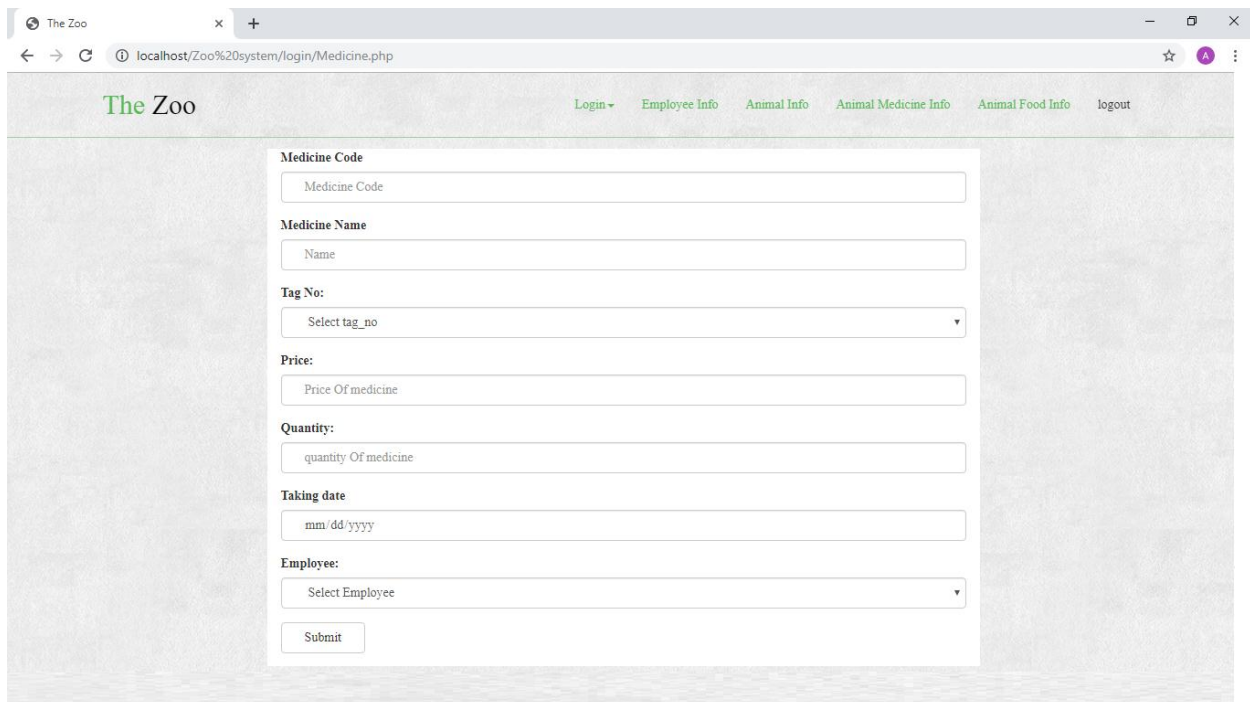
This is the Animal Medicine Info page. There are Admin and Employee will add, edit, view, delete of animal's medicine information.



The screenshot shows the 'ALL OF Medicine' page in the 'The Zoo' application. The page has a header with the logo 'The Zoo' and navigation links: Login, Employee Info, Animal Info, Animal Medicine Info, Animal Food Info, and logout. The main content area displays a table with the following data:

SL	Code	Name	Tag No	Price	Quantity	Taking Date	Action
1	780	Tofilen40	3	400	1	2019-05-16	view edit delete
2	509400	lorento30mg	35	600	2	2019-05-16	view edit delete
3	1290	sinatoxccc600ml	3	6000	2	2019-05-25	view edit delete
4	7865	ginilazex500ml	35	2000	2	2019-02-03	view edit delete

At the bottom of the page, there is a copyright notice: © 2018 The Zoo . All Rights Reserved. Created by Afrin Bipra.



The screenshot shows the 'Medicine Code' form in the 'The Zoo' application. The form has the following fields and controls:

- Medicine Code:** A text input field.
- Medicine Name:** A text input field.
- Tag No:** A dropdown menu with the option 'Select tag_no'.
- Price:** A text input field.
- Quantity:** A text input field.
- Taking date:** A text input field with a placeholder 'mm/dd/yyyy'.
- Employee:** A dropdown menu with the option 'Select Employee'.
- Submit:** A button to submit the form.

Chapter 7: Project Summary

7.1 GitHub Link

<https://github.com/bipa1/TheZoo>

7.2 Limitations

For this project, I have faced some limitations. Now I will describe those in brief.

- This software is not online based.
- There is still need a lot of Animal data.

7.3 Obstacles & Achievements

The technology was used on this project was pure raw php and bootstrap. Where other language library has an opinionated Library structure and default solutions of crud operations and authentication system, here I have write everything raw by using small libraries and combine them. So it takes much more time to build then average.

7.4 Future Scope

I have some plan for this app in future. Here are some of them

- Employee salary system.
- Improve and strong data security.
- Add feature for visitor to find the zoo location and zoo details.
- I will use API for create zoo location.